

Purpose)

To create a fun innovative patient experience leveraging technology as a facility wide initiative. Legend Oaks South San Antonio and Legend Oaks New Braunfels partnered with Jintronix, to implement the Jintronix technology, to see how much the technology could improve patient outcomes when utilized collaboratively by the therapy and nursing departments.

Procedure)

Two Jintronix systems were set up in the therapy department at each facility. Training was provided by a company representative to both the therapy and restorative nursing departments. Training included: How to develop/customize interactive rehab programs for the therapy department. The restorative nursing team was trained on how to leverage and utilize the programs developed by the therapy department. Therapy teams use Jintronix for skilled therapy, skilled maintenance, and to design a restorative protocol. Restorative aides use Jintronix to run the restorative protocols designed by therapists for each patient.

Inclusion criteria:

Appropriate patients for Jintronix meet the following:

1. Minimum Cognition Level
2. Able to follow 1-step instruction
3. Able to attend to task >30 sec
4. At least Moderate Physical Assistance level



Workflow)

Patients who are on therapy, and are supplemented with restorative and/or patients who are discharged from therapy, and transitioned to a restorative nursing program.

DECIDE

STEP 1: During therapy session, therapist determines that the patient meets Jintronix criteria, and is a candidate to be supplemented with Jintronix restorative.

STEP 2: During the next 2-3 therapy sessions, therapist uses Jintronix to design Functional Maintenance Program.

PREPARE

Select, design, and customize a 15-minute Jintronix restorative program for patient
Ensure there are no adverse reactions
Ensure vitals are appropriately responding

NOTIFY

STEP 3: Therapist notifies restorative aide (through the documentation and MDS coordinator) that the patient has been added to the Jintronix restorative program

ENGAGE

STEP 4: During Restorative session, Restorative aide logs into Jintronix system and selects patient. Restorative aide runs the therapist-designed program. This continues for a minimum of 6 out of 7 days per week, for the entire period that the patient is on therapy caseload.

PROGRESS

STEP 5: During therapy session, Therapists continue to use Jintronix for both Functional Maintenance (checking and updating the restorative program), and Skilled Therapy (challenging the patients in new ways, and assessing progress).

Hypothesis)

When patients are more mentally and emotionally engaged in their therapeutic exercise they will achieve better outcomes. They participate in therapy at a greater level of duration and intensity. This is part of the scientific and research specifics. Heightened patient engagement experience will lead to greater patient outcomes. This technology will result in a greater collaboration between therapy and nursing and ultimately improve the effectiveness of the time the patients spends with a restorative aide.

Data)

Anonymously chosen clients from pilots at both facilities to give you an example of the outcome reports.

See Figure 1: One client report showed an improvement of 48% in weight shifting abilities. See Figure 2: One client report showed

Figure 1:

Balance & Stability

Improve lateral weight transfer to improve stability while leaning, reaching or walking around the house

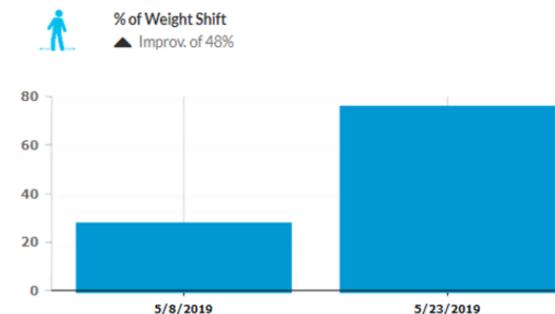


Figure 2:

Max Trunk Flex. Achieved (Avg): Sitting

Improve lateral trunk flex. to support core stability while performing leaning or reaching tasks, such as reaching for items in the bathroom or kitchen

